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ASSIGNMENTS

OF

SOIL SURVEY PARTIES

FOR THE

FIELD SEASON OF 1904

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MAY 4, 1904.



*Revised*  
*50325*  
*1904-1905*  
 United States Department of Agriculture,

BUREAU OF SOILS

JAN 25 1957  
 U. S. DEPT. OF AGRICULTURE

ASSIGNMENTS OF SOIL-SURVEY PARTIES FOR THE FIELD  
 SEASON, 1904.

The following changes are made in the assignments of the soil-survey parties for the field season of 1904 to meet the exigencies of the public service, and are issued as an amendment to the assignment card of March 10, 1904.

1. Bennett, F., jr., and Griffen, A. M., will continue the survey of Orangeburg County, South Carolina, and complete that portion of the county east of Orangeburg. July 1 Mr. Bennett and Mr. Hurst will proceed to Lancaster, S. C., and survey Lancaster County. October 1 the party will proceed to Red Springs, N. C., and survey the northern part of Robeson County.

2. Bonsteel, F. E., and Carr, E. P., will proceed to Providence, R. I., and survey the entire State. Upon the completion of this area Mr. Bonsteel will report to Washington, D. C., until January 1, 1905, while Mr. Carr will be assigned to another party.

3. Bonsteel, J. A., will continue his soil instruction work at Cornell University, and, in addition, will have general charge of the soil survey in New York, and survey the Dryden U. S. G. S. sheet.

4. Burke, R. T. A., and Root, A. S., will proceed to Hampton, Va., and survey Warwick, York, Elizabeth City, and James City counties. July 1 the party will proceed to Fredericks Hall, Va., and survey the northern part of the Goochland quadrangle. Upon the completion of this area the party will proceed to Gloucester, Va., and survey Gloucester County.

5. Caine, T. A., and Lyman, W. S., will proceed to Wooster, Ohio, and survey the Wooster and Massillon U. S. G. S. sheets. July 1 the party will proceed to Superior, Wis., and survey as large an area as possible around Superior, Wis., and Duluth, Minn. October 1 the party will proceed to Appomattox, Va., and survey Appomattox County.

6. Carr, M. E., and Belden, H. L., will proceed October 1 to Marshall, Mo., and survey Saline County.

7. Carter, W. T., jr., and Kocher, A. E., will continue the survey of Anderson County, Texas. Upon the completion of this county the party will proceed to Crockett, Texas, and survey Houston County.

8. Coffey, G. N., and Burgess, J. L., will proceed to Garden City, Kans., and survey the northern part of the Garden U. S. G. S. sheet. July 1 the party will proceed to Iola, Kans., and survey Allen County. October 1 the party will proceed to Hiawatha, Kans., and survey Brown County.

9. Ely, C. W., and Hurst, L. A., will complete the survey of Tama County, Iowa. July 1 Mr. Ely and Mr. Griffen will proceed to Ithaca, Mich., and survey the northern half of Gratiot County. Upon completion of this area the party will assist Mr. Hearn in the Saginaw area, Michigan. Upon completion of this area Mr. Ely will report to Washington, D. C., Mr. Griffen will relieve Mr. Jones, and take charge of the party in Louisiana.

10. Fippin, E. O., and Drake, J. A., will proceed to Wentzville, Mo., and survey the central part of the O'Fallon quadrangle. July 1 the party will proceed to Cando, N. Dak., and survey as much as possible of Towner County. October 1 the party will proceed to Marshfield, Mo., and survey Webster County.

11. Hearn, W. E., and Carr, M. E., will continue the survey of Harrison County, Miss. July 1 Mr. Hearn and Mr. McLendon will continue the survey of the Saginaw, Mich. area, comprising parts of Saginaw, Bay, Tuscola, and Huron counties, with headquarters at Saginaw. Upon completion of this area Mr. Hearn and Mr. McLendon will proceed to Montgomery, Ala., and survey Montgomery County.

12. Holmes, J. G., about May 1 will report to Washington, D. C., for two months' assignments. July 1 Mr. Holmes and Mr. N. P. Neill will proceed to Greeley, Colo., and survey as large an area as possible of the irrigable lands around that point. October 1 the party will proceed to Fort Collins, Colo., and survey as large an area as possible of the irrigable lands.

13. Jensen, C. A., and Strahorn, A. T., will proceed to Brigham, Utah, and spend six months in surveying as large an area as possible of the irrigable lands in the Bear River Valley.

14. Jones, G. B., and Ruhlen, L. M., will continue the survey of De Soto Parish, Louisiana. Upon the completion of this survey the party will proceed to Hammond, La., and survey Tangipahoa Parish. October 1 Mr. Jones will report to Washington, D. C., for a three months' assignment, being relieved by Mr. Griffen.

15. Lapham, J. E., and Bennett, H. H., will proceed to Auburn, N. Y., and survey all of Cayuga County below latitude 43°. October 1 the party will proceed to Elizabeth City, N. C., and survey Perquimans and Pasquotank counties.

16. Lapham, M. H., and Mackie, W. W., will return to Sacramento, Cal. Upon the completion of the Sacramento area the party will survey other areas in California to be decided upon.

17. Mangum, A. W., and Neill, N. P., will proceed to Boonville, Ind., and survey parts of Begonia Springs, Boonville, and Owensboro U. S. G. S. sheets. The party will then proceed to Scottsburg, Ind., and survey Scott County. July 1 Mr. Mangum and Mr. M. E. Carr will proceed to Corunna, Mich., and survey the northern part of Shiawassee County. Upon completion of this area the party will assist Mr. Hearn in the Saginaw, Mich., area. Upon completion of the area Mr. Mangum will report to Washington, D. C. Mr. Carr will take charge of a party in Missouri.

18. Marean, H. W., and McLendon, W. E., will proceed to Saginaw, Mich., about May 1, and begin the survey of the Saginaw area. On July 1 Mr. Hearn will take charge of the area, and Mr. Marean will make a special study of the soils with reference to the sugar beet industry.

19. Martin, J. O., and Sweet, A. T., will continue the survey of the Platte River valley from Kearney to Lexington, Nebr. July 1 the party will proceed to North Platte, Nebr., and survey as large an area as possible in Lincoln County. October 1 the party will proceed to Plymouth, Ind., and survey Marshall County.

20. Mooney, C. N., and Ayrs, O. L., will proceed to Greeneville, Tenn., and survey the western two-thirds of the Greeneville U. S. G. S. sheet. July 1 the party will proceed to Lawrenceburg, Tenn., and survey Lawrence County. October 1 the party will proceed to Lexington, Tenn., and survey Henderson County.

21. Rice, T. D., and Geib, W. J., will proceed to Coshocton, Ohio, and survey Coshocton County. July 1 the party will proceed to Autrain, Mich., and survey as large an area as possible in Alger County. October 1 the party will proceed to Bowling Green, Ky., and survey Warren County.

22. Smith, W. G., and Meeker, F. N., will continue the survey of Sumter County, Alabama. Upon the completion of this county the party will proceed to Blount Springs, Ala., and survey Blount County. Upon the completion of this survey the party will proceed to Selma, Ala., and survey Dallas County.

23. Wilder, H. J., and Belden, H. L., will proceed to Vergennes, Vt., and survey the Port Henry and Ticonderoga U. S. G. S. sheets. July 1 the party will proceed to Gettysburg, Pa., and survey Adams County. October 1 Mr. Wilder will report to Washington, D. C., for a three months' assignment, while Mr. Belden will be assigned to another party.

MILTON WHITNEY,  
 Chief of Bureau.

WASHINGTON, D. C., May 4, 1904.



*Approximate areas to be surveyed in 1904.*

State.	Area.	Sq. Mi.	Remarks.	Party.
Alabama	Sumter County	2 910	In progress	Smith-Meeker.
Do	Blount County	4 753	All of county	Smith-Meeker.
Do	Dallas County	4 1,195	All of county	Smith-Meeker.
Do	Montgomery County	4 772	All of county	Hearn-McLendon.
California	Bakersfield area	2 300	Completed	M. H. Lapham-Mackie.
Do	Sacramento area	3 1,000	Part completed	Jensen-Strahorn.
Do	Other areas			M. H. Lapham-Mackie.
Do	San Bernardino area	3 600	Completed	M. H. Lapham-Mackie.
Colorado	Ft. Collins area	500		Holmes party.
Do	Greeley area	500		Holmes-Neill.
Florida	Gainesville area	3 500	Completed	Rice-Geib.
Georgia	Decatur County	2 500	Completed	Fippin-Drake.
Do	Dodge County	4 414	Completed	Ely-Griffen.
Indiana	Marshall County	4 441	All of county	Martin-Sweet.
Do	Boonville area	3 270	Part of sheets	Mangum-Neill.
Do	Scott County	4 190	All of county	Mangum-Neill.
Iowa	Tama County	1 768	All of county	Ely-Hurst.
Kansas	Allen County	504	All of county	Coffey-Burgess.
Do	Brown County	576	All of county	Coffey-Burgess.
Do	Garden City area	3 500	Part of sheet	Coffey-Burgess.
Kentucky	Warren County	530	All of county	Rice-Geib.
Louisiana	De Soto Parish	2 865	In progress	Jones-Ruhlen.
Do	Tangipahoa Parish	2 780	All of parish	Jones-Ruhlen.
Do	East Baton Rouge	451	All of parish	Griffen-Ruhlen.
Michigan	Alger County	500	Part of county	Rice-Geib.
Do	Saginaw area	1 1,000	Parts of 4 counties.	Hearn-McLendon.
Do	Shiawassee area	1 290	Northern part of county.	Mangum-M. E. Carr.
Do	Gratiot area	1 290	Northern part of county.	Ely-Griffen.
Mississippi	Harrison County	2 600	In progress	Hearn-M. E. Carr.
Do	Jackson area	3 750	Completed	Martin-Ayrs.
Missouri	Saline County	760	All of county	M. E. Carr-Belden.
Do	O'Fallon quadrangle	3 750	Part of sheet	Fippin-Drake.
Do	Webster County	630	All of county	Fippin-Drake.
Nebraska	Lincoln County	500	Part of county	Martin-Sweet.
Do	Kearney area	3 500	Part of sheet	Martin-Sweet.
New York	Auburn area	3 500	Part of sheets	J. E. Lapham-H. H. Bennett.
Do				J. E. Lapham-H. H. Bennett.
Do				J. A. Bonsteel.
North Carolina	Dryden area	3 250	All of sheet	J. E. Lapham-H. H. Bennett.
Do	Perquimans and Pasquotank counties	440	All of two counties.	Bennett.
Do	Robeson County	500	Northern part of county.	F. Bennett-Hurst.
North Dakota	Cando area	500		Fippin-Drake.
Ohio	Coshocton County	1 550	All of county	Rice-Geib.
Do	Wooster area	3 500	All of two sheets.	Caine-Lyman.
Pennsylvania	Adams County	535	All of county	Wilder-Belden.
Rhode Island	State	3 1,085	All of State	F. E. Bonsteel-E. P. Carr
South Carolina	Orangeburg area	2 700	In progress	F. Bennett-Griffen.
Do	Lancaster County	535	All of county	F. Bennett-Hurst.
Do	Charleston area	2 400	Completed	F. E. Bonsteel-E. P. Carr
Tennessee	Lawrence County	675	All of county	Mooney-Ayrs.
Do	Greeneville area	3 500	Part of sheet	Mooney-Ayrs.
Do	Henderson County	530	All of county	Mooney-Ayrs.
Texas	Austin sheet	3 500	Completed	Mangum-Belden.
Do	San Antonio area	4 450	Completed	Caine-Lyman.
Do	Anderson County	4 1,000	In progress	Carter-Kocher.
Do	Houston County	1,200	All of county	Carter-Kocher.
Utah	Bear River Valley	250		Jensen-Strahorn.
Vermont	Champlain Valley	3 450	All of two sheets.	Wilder-Belden.
Virginia	Appomattox County	317	All of county	Caine-Lyman.
Do	Gloucester County	245	All of county	Burke-Root.
Do	Goochland quadrangle	3 600	Part of sheet	Burke-Root.
Do	Warwick, <sup>2</sup> York, <sup>2</sup> Elizabeth City, <sup>1</sup> James City <sup>2</sup> counties.	430	All of four counties.	Burke-Root.
Wisconsin	Superior area	500	Part of county	Caine-Lyman.

<sup>1</sup> Print of county map will be furnished.

<sup>2</sup> Plane table survey.

<sup>3</sup> Topographic sheet.

<sup>4</sup> Plane table to be used if reliable county map can not be obtained.

*Assignment of soil survey parties, 1904.*

Party.	April 1-July 1.	July 1-Oct. 1.	Oct. 1-Jan. 1.
Bennett, F.-Griffen	Orangeburg, S. C.		
Bennett, F.-Hurst		Lancaster Co., S. C.	Robeson Co., N. C.
Bonsteel, F. E.-Carr, E. P.	Rhode Island	Rhode Island	Rhode Island.
Bonsteel, J. A.	New York	Dryden sheet, N. Y.	New York.
Burke-Root	York Neck, Va.	N. part of Goochland quadrangle, Va.	Gloucester Co., Va.
Caine-Lyman	Wooster, Ohio	Superior, Wis.	Appomattox Co., Va.
Carr, M. E.-Belden			Saline Co., Mo.
Carter-Kocher	Anderson Co., Tex.	Anderson Co., Tex.	Houston Co., Tex.
Coffey-Burgess	Garden City, Kans.		Brown Co., Kans.
Coffey-Drake		Allen Co., Kans.	
Ely-Hurst	Tama Co., Iowa		
Ely-Griffen		Gratiot area, Mich.	
Ely			Washington, D. C.
Fippin-Drake	O'Fallon Quadr., Mo.		Webster Co., Mo.
Fippin-Burgess		Cando, N. D.	
Griffen-Ruhlen			E. Baton Rouge, La.
Hearn-Carr, M. E.	Wiggins area, Miss.		
Hearn-McLendon		Saginaw, Mich.	Montgomery Co., Ala.
Holmes	Washington, D. C.		
Holmes-Neill		Greeley area, Colo.	Fort Collins, Colo.
Jensen-Strahorn	Bear River Valley, Utah.	Bear River Valley, Utah.	
Jones-Ruhlen	De Soto Parish, La.	Tangipahoa Par., La.	
Jones			Washington, D. C.
Lapham, J. E.-Bennett, H. H.	Auburn area	New York	Perquimans and Pasquotank counties, N. C.
Lapham, M. H.-Mackie	Sacramento area	California	California.
Mangum-Neill	Boonville area and Scott County, Ind.		
Mangum-Carr, M. E.		Shiawassee, Mich.	
Mangum			Washington, D. C.
Marean-McLendon	Saginaw, Mich.		
Martin-Sweet	Kearney, Nebr.	Lincoln Co., Nebr.	Marshall Co., Ind.
Mooney-Ayrs	Greeneville, Tenn.	Lawrence Co., Tenn.	Henderson Co., Tenn.
Rice-Geib	Coshocton Co., Ohio	Autrain, Mich.	Warren Co., Ky.
Smith-Meeker	Sumter Co., Ala.	Blount Co., Ala.	Dallas Co., Ala.
Wilder-Belden	Champlain Val., Vt.	Adams Co., Pa.	
Wilder			Washington, D. C.

NOTES.—The agricultural appropriation bill for the year ending June 30, 1905, which was approved April 23, carries no increase for the Bureau of Soils, the amount remaining the same as for the present year.

On April 19 Mr. Lewis Griswold resigned and Mr. L. A. Hurst was transferred from the laboratory to the soil survey.